

ABSTRACT

A shaped particle for use in an array of interlocking particles to repair, replace, improve or augment a bone deficiency is provided. The particle in a preferred
5 embodiment has six extremities, and the interstitial spaces between the extremities of one particle accept the extremities of an adjacent particle in an array. The particle is suspended in a material which facilitates application of the particle to bone, and the material may contain biological factors which augment bone growth or prevent infection. Furthermore, a method of making a shaped particle by producing a hardened calcium
10 sulfate material is provided.